

Claims

[c1] What is claimed is:

1. An adjustable machinery for tuning position of an optical device, the adjustable machinery comprising:

a first frame for locating the optical device, the first frame having a first alignment hole, a second alignment hole, and a third alignment hole; and

a second frame for locating the first frame, the second frame having a first adjustment hole, a second adjustment hole, and a third adjustment hole, and the first and the second frames can relatively shift along a first direction;

wherein, when locating the first frame onto the second frame, the alignment holes and the adjustment holes are partially overlapped, and relative positions of the first and the second frames can be adjusted by changing relative positions of the alignment holes and the adjustment holes.

[c2] 2. The adjustable machinery of claim 1 further comprising at least a guide device.

[c3] 3. The adjustable machinery of claim 2, wherein the guide device includes a trench and a prominence.

- [c4] 4. The adjustable machinery of claim 1 further comprising a screw for fastening the frames.
- [c5] 5. The adjustable machinery of claim 4, wherein after adjusting relative positions of the first and the second frames, the screw is screwed to fasten the first and the second frames.
- [c6] 6. The adjustable machinery of claim 1, wherein a third frame can be further located on the second frame, and the second and the third frames can relatively shift along a second direction.
- [c7] 7. The adjustable machinery of claim 1, wherein the first, the second, and the third alignment holes are rectangles.
- [c8] 8. The adjustable machinery of claim 1, wherein the first, the second, and the third adjustment holes are rectangles.
- [c9] 9. An adjustable machinery for tuning position of an optical device, the adjustable machinery comprising:
a first frame for locating the optical device, the first frame having a plurality of alignment holes; and
a second frame for locating the first frame, the second frame having a plurality of adjustment holes, and the first and the second frames can relatively shift along a

first direction;

wherein, when locating the first frame onto the second frame, the alignment holes and the adjustment holes are partially overlapped and can be used to adjust relative positions of the first and the second frames along the first direction.

[c10] 10. The adjustable machinery of claim 9, wherein relative positions of the first and the second frames are adjusted by changing relative positions of the alignment holes and the adjustment holes.

[c11] 11. The adjustable machinery of claim 9 further comprising at least a guide device.

[c12] 12. The adjustable machinery of claim 11, wherein the guide device includes a trench and a prominence.

[c13] 13. The adjustable machinery of claim 9 further comprising a screw for fastening the frames.

[c14] 14. The adjustable machinery of claim 13, wherein after adjusting relative positions of the first and the second frames, the screw is screwed to fasten the first and the second frames.

[c15] 15. The adjustable machinery of claim 9, wherein a third frame can be further located on the second frame, and

the second and the third frames can relatively shift along a second direction.